

B<sub>2</sub> and downwardly directed in the lower side of the upper portion 2, but radially outside the lower portion 3.

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Paragraph [00029] is amended to read as follows:

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B<sub>3</sub> [00029] In the upper portion 2 of the screen housing a rotationally symmetrical screen means 7 is located so that it is rotary about a vertical rotor shaft 11. A stator 8 is located radially inside the screen means 7. The screen means 7 and stator 8 are arranged co-axially. The screen means 7 defines the upper portion 2 of the screen housing 1 in a screen chamber 9 between the screen housing 1 and screen means 7 and an accept chamber 10 between the screen means 7 and stator 8.

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Paragraph [00035] is amended to read as follows:

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B<sub>4</sub> [0035] The pulp suspension to be separated is fed through the inlet 4 into the screen chamber 9. The rotating screen means 7 mechanically transfers energy to the pulp suspension in the screen chamber 9, which thereby follows the rotational direction of the screen means at the same time as it moves downwardly and thereby in a screwing movement moves down through the screen chamber 9. When the screen means rotates, a suction pulse arises on the rear side of the barrier/pulse element 12, as seen in the rotational direction. The accepted fraction of the pulp suspension thereby flows through the rotating screen means 7 and into one of the accept cells, 10<sub>1</sub>, 10<sub>2</sub>, 10<sub>3</sub> or 10<sub>4</sub>. The main portion of the accept thereafter flows down to the lower accept chamber 13 and out through the accept outlet 5.

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Amend paragraph [00042] as follows:

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B<sub>5</sub> [00042] In the embodiment shown in the drawings, the stator 8, screen means 7 and screen housing 1 outside the screen means 7 all have the form of a cylinder. One or more of the stator,

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screen means and screen housing outside the screen means can also, for example, have a conical shape, with different or equal angular relations relative to one another. By forming the screen housing outside the stator, and forming the stator cylindrical or conical, it is possible to alter the accessible space between them. By changing, for example, the screen means from cylindrical to conical in shape, the relationship between accessible space in the screen chamber and the accept chamber, respectively, can be altered. If accessible space in axial direction thus becomes different, the space in the accept chamber should increase in the direction to the accept outlet, and the space in the screen chamber should be greatest at the inlet.

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